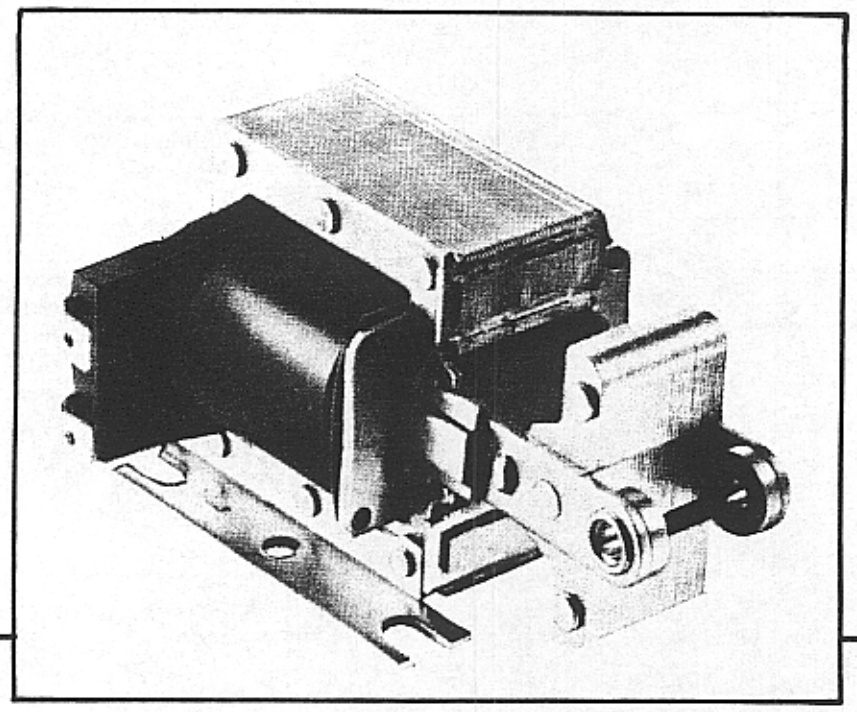
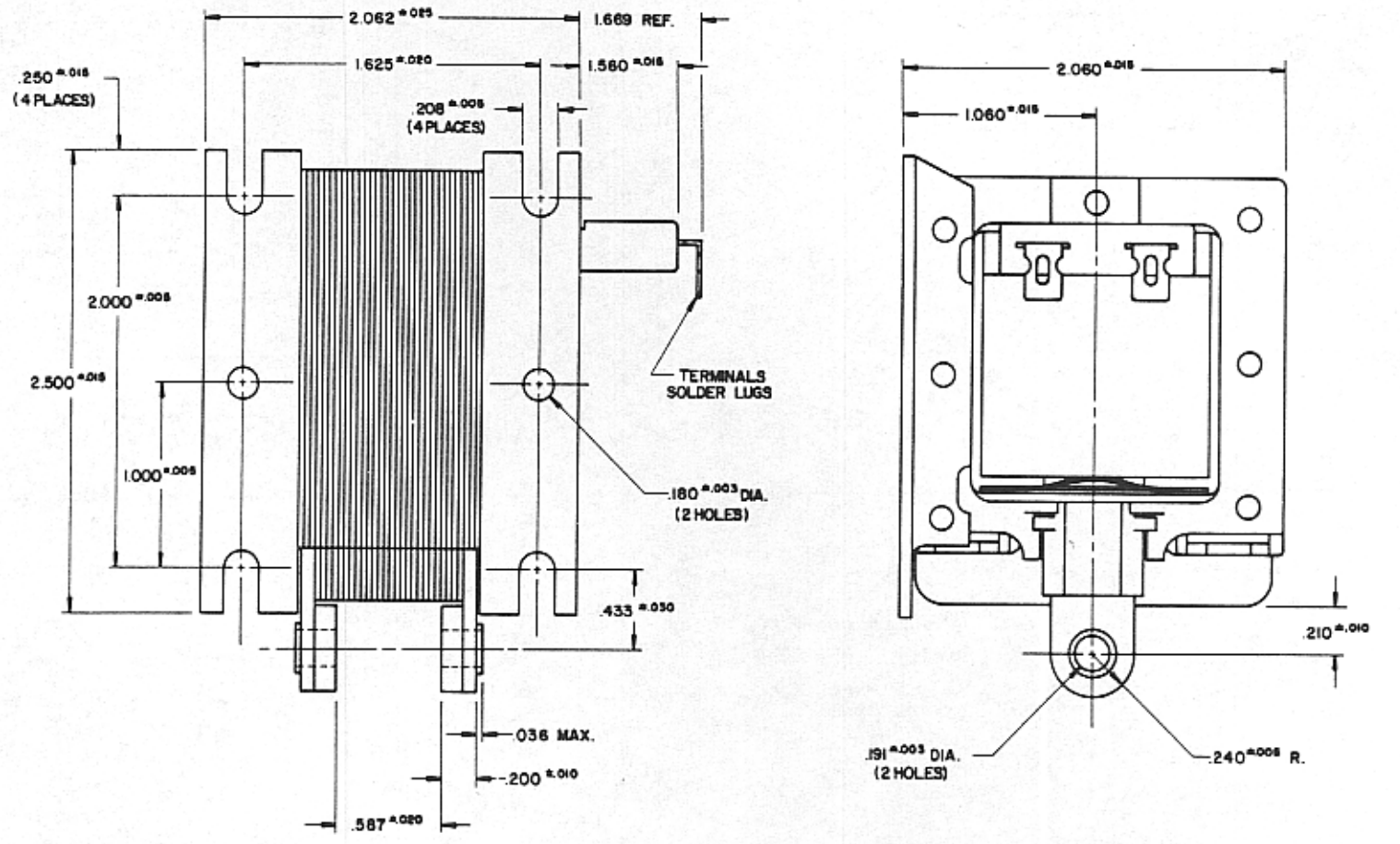
#136135

"Laminated" Solenoid

- Input Voltage: AC.
- Duty Cycle: Intermittent or continuous.
- Pull version.

Series: 2000 (1" stack).





Standard Voltages:

AC: 240, 120 and 48.

Other AC voltages available on request.

AC Frequency:

60HZ standard.

50HZ available on request.

Duty Cycle:

Continuous: at 25°C ambient temperature.

Intermittent: 20% on time, 80% off time. On time not to exceed 3 min. at 25°C ambient temperature.

Coil Insulation:

Class "A": 105° C max. temperature standard.

Class "B": 130° C max. temperature, glass tape wound coil available on request.

Materials and Finish:

Coil: Polyester encapsulated.

Bobbin: Glass filled polyester

Frame: Laminated steel zinc dichromate plated.

Plunger: Laminated steel zinc dichromate plated.

Anti-Residual Spring: Stainless steel.

Plunger Stop Spring: Spring steel.

Plunger Guides: Brass.

Coil Termination:

Solder lugs, Type #1 per drawing, stock. Other terminations available.

Plunger Linkage:

Reinforced per drawing above stock.

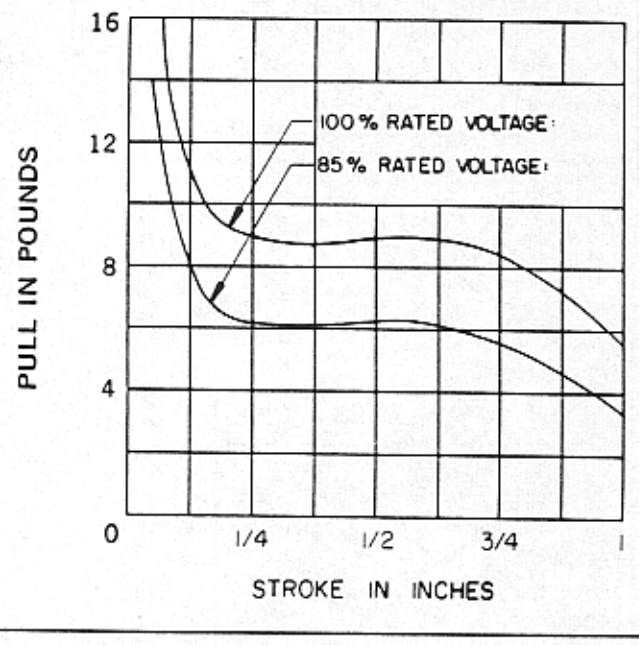
Straight, formed and link type available.

Average total weight: 22 oz.

SERIES 2000 (1″ STACK) AC SOLENOIDS

Part No.	2536-M-1	2537-M-1	2539-M-1	2786-M-1	2787-M-1	2789-M-1
Volts—60 HZ	120	240	48	120	240	48
Duty	Cont.	Cont.	Cont.	Int.	Int.	Int.
Coil Resistance ± 10% (Ohms @ 25°C.)	14.9	60	2.3	11.9	48	2
Watts Seated ± 10%	19.0	18.0	21.0	36.5	36.0	32.5
Amps Seated ± 10%	.48	.24	1.40	.95	.48	2.00
Amps at ¼″ ± 10%	2.90	1.50	7.00	4.30	2.20	10.00
Amps at ½″ ± 10%	4.40	2.20	10.50	6.00	3.00	14.50
Amps at ¾″ ± 10%	5.50	2.70	13.00	7.50	3.80	18.00
Amps at 1″ ± 10%	6.50	3.20	16.00	8.50	4.30	19.50

AC CONTINUOUS DUTY

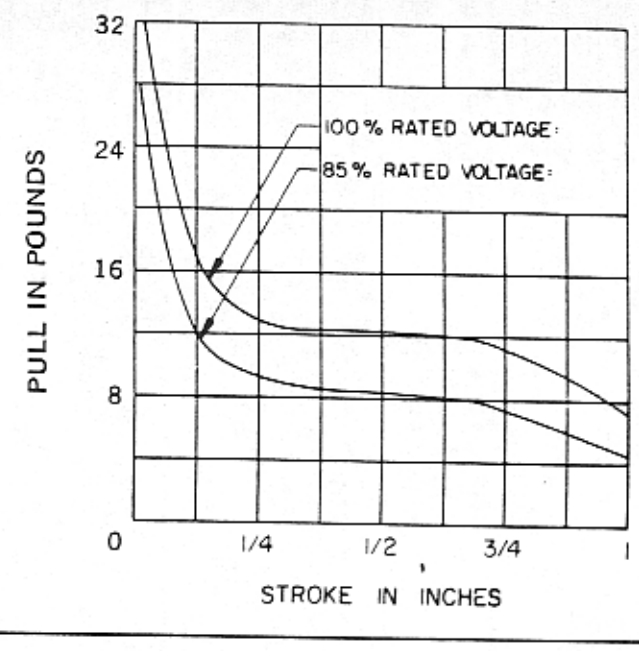


Quiet seal pull: 8 lbs. at rated voltage.

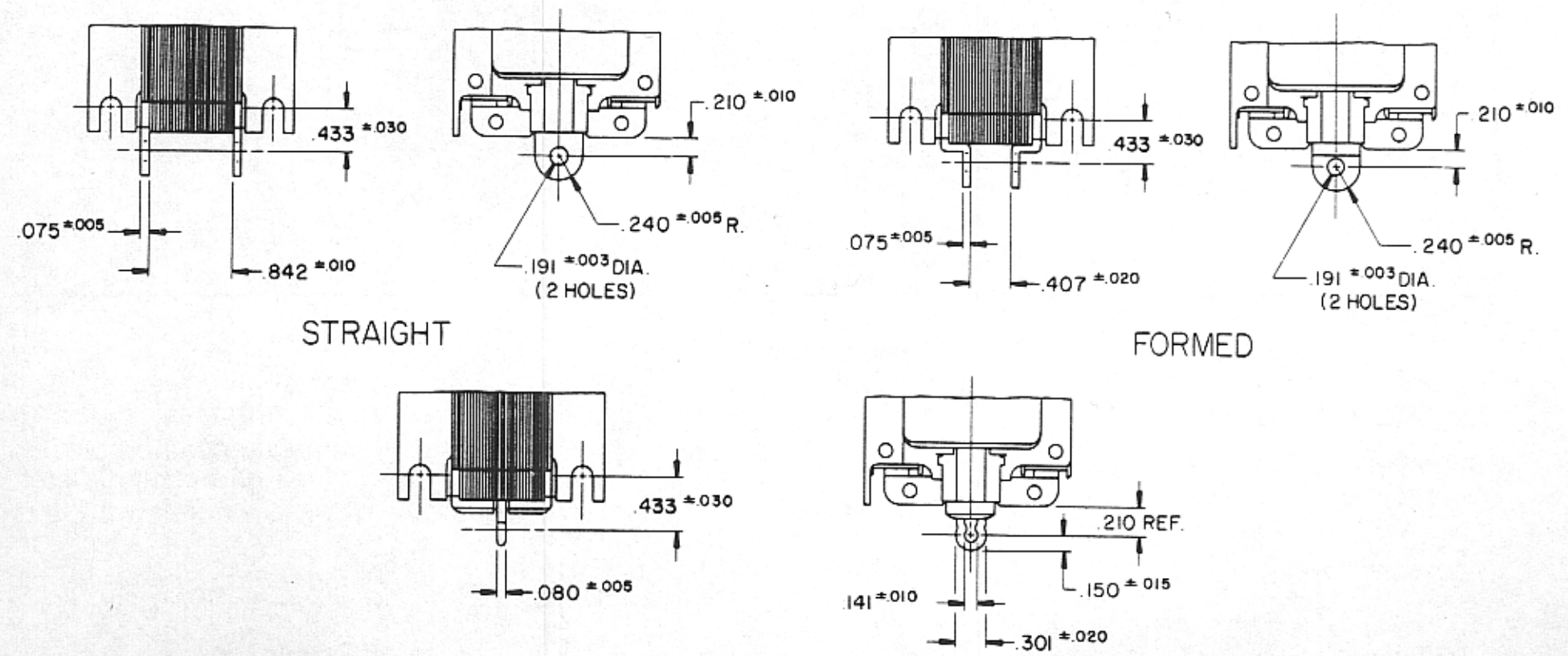
Pull values are indicated without plunger weight. Add or subtract .37 lbs. to obtain net pull when operated with or against gravity.

Force data: ±10%.

AC INTERMITTENT DUTY



SERIES 2000 (1″ STACK) PLUNGER VARIATIONS



PULL VALUES INDICATED ARE AT 100% VOLTAGE AT 25° C. AND WITHOUT PLUNGER WEIGHT.
ADD OR SUBTRACT .6 OZ. TO OBTAIN NET PULL WITH OR AGAINST GRAVITY. FORCE DATA: ±10%

ALL SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE